Reviewer’s report

Title: Effects of Cinnamon Supplementation on Expression of Systemic Inflammation Factors, NF-kB and Sirtuin-1 (SIRT1) in Type 2 Diabetes: A Randomized, Double Blind, and Controlled Clinical Trial.

Version: 0 Date: 20 Sep 2019

Reviewer: Caio Oliveira

Reviewer's report:

Interesting article since it aimed to investigate the use of a herb in the control of blood glucose in diabetic using antihyperglycemic drug.

Results were not as expected (improved glycemic control). In this sense, some doubts/questions arose throughout the reading and were not answered by the authors:

1) Where are the blood glucose values of the groups?
2) What dose of metformin were they using?
3) Has food intake been investigated (prior and during the experimental period)?
4) Most importantly, what was the species of Cinnamom used? Was there standardization of the extract used?

I missed a discussion about the pharmacodynamic interactions between metformin and the treatment used in the study, which may explain why there were no positive results.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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